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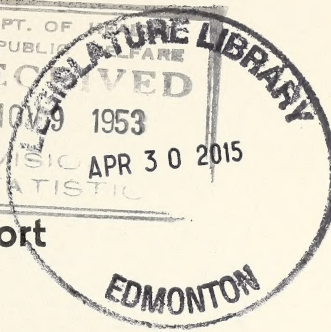
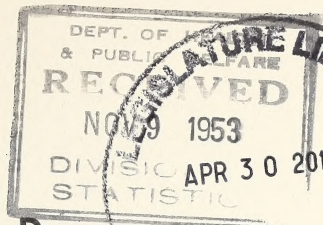
A

Annual Report
OF THE
3/ Vital Statistics Division
OF THE
2/ Department of Public Health
Province of Alberta
5/ 1951

PUBLISHED BY ORDER OF THE LEGISLATIVE ASSEMBLY



EDMONTON:
PRINTED BY A. SHNITKA, QUEEN'S PRINTER FOR ALBERTA
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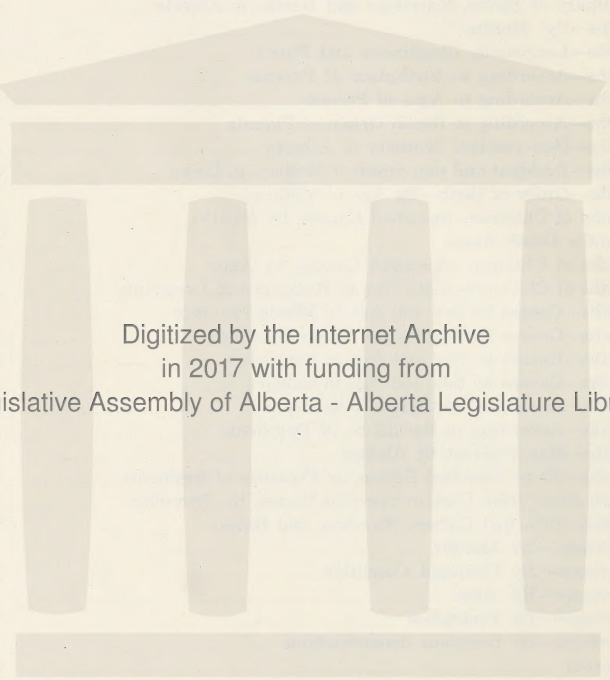
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Vital Statistics Division

(ARTHUR PACKFORD, *Deputy Registrar General*)

This is the 47th Annual Report of the Vital Statistics Division of the Department of Public Health, and is for the year 1951.

The Report shows a large increase in the number of births and a small increase in the number of marriages and deaths. The birth rate is the highest of the Provinces west of Quebec, and the marriage rate is the highest and the death rate the lowest of all the Provinces. There was a considerable decrease in the deaths from communicable diseases, with the exception of influenza and pneumonia. Heart diseases and cancer show a slight increase.

POPULATION

The Dominion Government Census taken on June 1, 1951, shows the population to be 939,501, an increase of 143,332 over the 1941 census figure of 796,169. On page 9 is a table showing the population by Census Divisions, Municipalities, Towns and Villages for the Census years 1941 and 1951.

BIRTHS

The number of children born to residents of the Province was 27,003; the rate being 28.7 per 1,000 population, the same as the previous year, but the number of births exceeded the 1950 total by 1,379. Indian births numbered 1,334; male births numbered 13,760 and female births 13,243; the ratio being 1,039 male to each 1,000 females. Multiple births comprised 350 twin births and there were four cases of triplets. Illegitimate births numbered 1,272, 87 more than the previous year; the rate being 4.7 of all live births.

The number of births to residents of the four large cities were as follows: Edmonton, 5,089; Calgary, 3,649; Lethbridge, 701; Medicine Hat, 399. The total number of births in these cities were: Edmonton, 7,513; Calgary, 4,725; Lethbridge, 1,275; Medicine Hat, 669.

The number of legal adoptions in the Province was 754, and 24 Alberta-born children were adopted elsewhere. 831 delayed registrations of birth were completed, 310 legal changes of name were recorded, and 385 changes in Christian names were filed.

The following table shows the birth rates for Canada, the Provinces and certain other countries for 1951:

BIRTH RATES			
Canada	27.2	Australia	22.9
Newfoundland	32.5	New Zealand	24.4
Prince Edward Island	27.1	United States	24.5
Nova Scotia	26.6	Belgium	16.1
New Brunswick	31.2	Denmark	17.8
Quebec	29.8	Finland	22.8
Ontario	25.0	France	19.5
Manitoba	25.7	Italy	18.1
Saskatchewan	26.1	Netherlands	22.3
Alberta	28.7	Austria	14.6
British Columbia	24.1	Norway	18.5
England and Wales	15.5	Portugal	24.1
Scotland	17.7	Spain	20.1
Northern Ireland	20.7	Sweden	15.6
Eire	21.2	Switzerland	17.2

DIVORCES

There were 589 Final Decrees of Divorce granted during the year, 39 more than the previous year but 143 less than the average for the preceding five years. 13 Decrees of Nullity were also granted.

MARRIAGES

There were 9,305 marriages registered during the year, being 11 more than the previous year and 224 more than the average of the preceding five years. The rate per 1,000 population was 9.9, slightly less than the previous year's rate of 10.4. Of the Bridegrooms 97 were 18 years of age or under, and 200 of the Brides were 16 years of age or under. 2,395 were 17 to 19 years of age, and 4,018 were 20 to 24 years of age. 151 of the Bridegrooms and 79 of the Brides were over 60; 12 of the Grooms and 2 of the Brides were over 75. Of the Bridegrooms, 91.3 were bachelors, 4.0 were widowers and 4.7 were divorced. 90.4 of the Brides were spinsters, 5.0 were widows and 4.5 were divorced. The number of marriages in the four large cities were: Edmonton, 5,089; Calgary, 3,649; Lethbridge, 701, and Medicine Hat, 399.

MARRIAGE RATES

Canada	9.2	United States	10.6
Newfoundland	7.0	Australia	9.2
Prince Edward Island	5.9	New Zealand	8.9
Nova Scotia	7.9	Belgium	7.9
New Brunswick	8.5	Denmark	8.1
Quebec	8.8	Finland	8.0
Ontario	9.8	France	7.5
Manitoba	9.5	Italy	6.9
Saskatchewan	8.2	Netherlands	8.8
Alberta	9.9	Austria	9.1
British Columbia	9.7	Norway	8.3
England and Wales	8.2	Spain	7.5
Scotland	8.2	Sweden	7.6

DEATHS

There were 7,167 deaths registered during the year, 374 of these being Indians. Of these deaths, 4,429 were males and 2,738 were females. There were 311 more deaths than in the previous year and 351 more than the average for the previous five years. The death rate was 7.6 per 1,000 population; the rate for 1950 being 7.7. 622 of the males and 506 of the females were over 80 years of age and 3 males and 2 females were over 100.

The number of deaths of residents of the four large cities were as follows: Edmonton, 1,152; Calgary, 1,146; Lethbridge, 184; and Medicine Hat, 140. The total number of deaths which occurred in these cities were: Edmonton, 1,607; Calgary, 1,324; Lethbridge, 240; Medicine Hat, 166.

Diseases of the heart accounted for 29.5 of the total deaths; the number being 2,113, and the death rate 224.8 per 100,000 population. 1,065 deaths were due to cancer, 14.9 of the total deaths, the rate being 113.4. Deaths from all forms of tuberculosis dropped from 173 in 1950 to 146 in 1951, 68 of these deaths being Indians. Pulmonary tuberculosis caused 119 deaths, of which 52 were Indians, and other forms of tuberculosis, 27 deaths; 16 being Indians.

There was an increase in deaths from Pneumonia and Influenza, the numbers being 302 and 114 respectively, as compared with 275 and 26 for the previous year. Only two deaths from poliomyelitis were recorded. Violent and accidental deaths numbered 654, comprising Motor Vehicle accidents 179, other Transport accidents 47, Accidental poisoning 28, Accidental falls 89, accidents caused by Machinery 35, accidents caused by Fire and Explosion 30; accidents

caused by Hot Substances, Corrosive Liquid, Steam and Radiation 4; accidents caused by Firearms 13; Accidental Drowning 34. All other accidental causes 104; Suicides 86; and Homicides 5.

The death rate for Canada, the Provinces and certain other countries are as follows

DEATH RATES

Canada	9.0	Australia	9.7
Newfoundland	8.3	New Zealand	9.6
Prince Edward Island	9.2	United States	9.7
Nova Scotia	9.0	Belgium	12.6
New Brunswick	9.4	Denmark	8.9
Quebec	8.6	Finland	10.0
Ontario	9.6	France	13.3
Manitoba	8.7	Italy	10.3
Saskatchewan	7.7	Netherlands	7.6
Alberta	7.6	Austria	12.7
British Columbia	10.0	Norway	8.3
England and Wales	12.5	Portugal	12.3
Scotland	12.9	Spain	11.6
Northern Ireland	12.8	Sweden	9.9
Eire	14.3	Switzerland	10.5

MATERNAL MORTALITY

Deaths from puerperal causes have decreased steadily for a number of years, 15 maternal deaths being registered in 1951, as compared with 19 the previous year. The rates per 1,000 live births being 0.6 and 0.7 respectively.

MATERNAL DEATH RATES PER 1,000 LIVE BIRTHS

Canada	1.1	Ontario	0.8
Newfoundland	2.1	Manitoba	1.1
Prince Edward Island	0.4	Saskatchewan	1.0
Nova Scotia	0.7	Alberta	0.6
New Brunswick	0.7	British Columbia	0.7
Quebec	1.5		

INFANT DEATHS

Deaths of children under one year of age numbered 889, being 58 more than in the preceding year. Of this number, 531 were males and 358 were females; 251 of these children were under one day old, 462 were under one week, and 557 were under the age of one month. The infantile death rate was 33 per 1,000 live births, the rate for the preceding year being 32.

INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS

Canada	38	Australia	25
Newfoundland	54	New Zealand	23
Prince Edward Island	34	United States	29
Nova Scotia	35	Belgium	58
New Brunswick	52	Denmark	29
Quebec	48	Finland	35
Ontario	31	France	51
Manitoba	33	Italy	67
Saskatchewan	31	Netherlands	27
Alberta	33	Austria	62
British Columbia	30	Norway	28
England and Wales	30	Portugal	89
Scotland	37	Spain	62
Northern Ireland	41	Sweden	21
Eire	45	Switzerland	30

There were 402 stillbirths registered during the year, 30 more than the previous year, the rate being 14.9 per 1,000 live births.

DIVISIONS OF ALBERTA FOR CENSUS AND VITAL STATISTICS PURPOSES

As the Province of Alberta is not divided into Counties, and the political divisions are not permanently fixed, it has been found advisable to use as smaller areas, the Dominion Census Divisions.

The Province is divided into 17 census divisions. These divisions are further subdivided into organized municipal areas. These municipal areas, which were each originally within the boundaries of a single census division, have been reorganized by the Provincial authorities into larger units, and now, in many cases, part of the new municipality or improvement district is in one census division and part in another.

The following table shows the census divisions divided into municipalities, improvement districts, cities, towns and villages, with the 1951 and 1941 division population figures.

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1941 AND 1951

Division and Subdivision	Total		Division and Subdivision	Total	
	1951	1941		1951	1941
ALBERTA	939,501	796,169	Division No. 2—Continued:		
Rural	451,313	489,583	Villages: ..		
Urban	488,188	306,586	Coaldale	806	290
Division No. 1	35,879	29,595	Cowley	119	125
Rural	14,033	16,408	Frank	239	204
1. I.D.	250	370	Stirling	520	437
2. Burlington	2,186	3,084	Division No. 3	17,132	15,518
4. Warner	3,445	3,617	Rural	12,001	12,151
11. I.D.	2,251	3,312	21. I.D.	1,605	2,412
13. Bow Island	1,740	2,435	22. I.D.	702	637
14. Eureka	3,909	3,323	23. I.D.	1,459	1,359
25. Barons (pt.)	252	267	28. Newell (pt.)	6,310	5,475
Urban	21,846	13,187	34. Acadia (pt.)	19	9
Cities:			Army Experimental		
Medicine Hat	16,364	10,571	Range	394	309
Towns:			Berry Creek-Sullivan		
Bow Island	653	291	Lake Area (pt.)	598	752
Irvine	224	240	Bow West Area (pt.)	700	867
Taber	3,042	1,331	Vulcan No. 2 (pt.)	214	331
Villages:			Urban	5,131	3,367
Burdett	118	123	Towns:		
Foremost	375	.....	Bassano	624	582
Grassy Lake	167	.....	Brooks	1,648	888
Milk River	481	335	Redcliff	1,538	1,111
Warner	422	296	Villages:		
Division No. 2	71,480	58,563	Duchess	258	149
Rural	31,618	29,725	Empress	411	341
5. Sugar City	5,038	4,749	Enchant .....	.....	76
6. Cochrane	3,475	4,233	Jenner .....	.....	27
8. I.D.	39	2	Tilley	259	193
9. Pincher Creek	3,149	3,363	Vauxhall	393	.....
10. I.D.	4,828	4,149	Division No. 4	28,984	29,383
16. Bright	2,231	2,427	Rural	19,124	22,315
25. Barons (pt.)	8,843	6,693	25. Barons (pt.)	3,866	3,920
26. Argyle (pt.)	1,139	1,516	26. Argyle (pt.)	1,602	1,803
27. I.D. (pt.)	83	162	27. I.D. (pt.)	83	107
Waterton Lakes Nat. Prk.	238	269	31. Highwood	4,916	4,921
Indian Reserves	2,555	2,162	32. Turner Valley (pt.)	4,088	6,175
Urban	39,862	28,838	33. I.D.	31	28
Cities:			Bow West Area (pt.)	524	766
Lethbridge	22,947	14,612	Vulcan No. 2 (pt.)	3,850	4,595
Towns:			Indian Reserves	164	.....
Blairmore	1,933	1,731	Urban	9,860	7,068
Cardston	2,487	1,864	Towns:		
Claresholm	1,608	1,265	High River	1,888	1,430
Coleman	1,961	1,870	Nanton	934	718
Granum	327	238	Okotoks	767	591
Macleod	1,860	1,912	Stavely	327	273
Magrath	1,320	1,207	Vulcan	1,040	732
Pincher Creek	1,456	994			
Raymond	2,279	2,089			

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1941 AND 1951—Continued

Division and Subdivision	Total		Division and Subdivision	Total	
	1951	1941		1951	1941
Division No. 4—Continued:			Division No. 6—Continued:		
Villages:			Villages—Continued		
Arrowwood	222	251	Standard	237	212
Barons	369	233	Swalwell .....	.....	114
Black Diamond	1,154	890	Trochu	630	480
Blackie	224	223			
Carmangay	285	229	Division No. 7	32,334	33,285
Cayley	139	133	Rural	22,612	26,116
Champion	378	320	52. Provost	3,610	4,716
Lomond	153	129	53. Paintearth	3,073	4,160
Milo	141	129	61. Wainwright (pt.)	3,583	4,755
Nobleford	255	111	62. Flagstaff	6,129	7,804
Picture Butte	865	.....	73. Beaver (pt.)	1,235	1,518
Turner Valley	719	676	Berry Creek-Sullivan		
			Lake Area (pt.)	101	147
Division No. 5	16,129	18,926	Sounding Creek-Neutral		
Rural	12,328	15,560	Hills Area (pt.)	2,173	3,012
34. Acadia (pt.)	686	739	Buffalo Nat. Park 6	2,708	4
42. I.D. (pt.)	2,642	2,353	Urban	9,722	7,169
47. Starland	2,472	3,289	Towns:		
Berry Creek-Sullivan			Castor	798	625
Lake Area (pt.)	3,252	4,658	Coronation	738	581
Sounding Creek-Neutral			Hardisty	536	457
Hills Area (pt.)	3,186	4,521	Wainwright	1,996	980
Urban	3,891	3,366	Villages:		
Towns:			Alliance	281	233
Hanna	2,027	1,622	Cadogan .....	.....	99
Villages:			Chauvin	340	343
Cereal	135	142	Consort	396	265
Chinook	116	142	Czar	123	139
Craigmyle	136	186	Edgerton	309	258
Delia	278	315	Forestburg	443	231
Morrin	226	216	Galahad	198	145
Munson	78	139	Hughenden	218	164
Oyen	433	326	Irma	369	273
Rumsey	110	90	Killam	465	347
Youngstown	352	188	Lougheed	186	195
			Monitor .....	.....	82
Division No. 6	195,352	146,990	Provost	676	518
Rural	50,436	46,679	Sedgewick	485	320
28. Newell (pt.)	671	668	Strome	276	233
32. Turner Valley (pt.)	67	84	Veteran	206	190
40. Bow Valley	2,941	3,462	Viking	683	491
41. I.D.	155	212			
42. I.D. (pt.)	4,292	4,011	Division No. 8	73,997	67,630
43. Serviceberry	3,091	3,706	Rural	43,965	49,293
44. Conrich	5,509	4,273	54. Stettler	6,007	7,167
45. Springbank	5,014	3,241	55. Red Deer (pt.)	6,753	7,792
46. I.D.	6,364	3,598	63. Camrose	10,895	12,236
48. Kneehill	7,263	8,135	64. Lacombe (pt.)	6,307	6,583
49. Mountain View	8,933	9,800	66. Ponoka (pt.)	5,850	6,448
50. I.D.	1,067	1,085	73. Beaver (pt.)	383	562
51. Banff Nat. Park	2,856	2,545	74. Wetaskiwin (pt.)	6,216	7,263
Indian Reserves	2,213	1,859	Indian Reserves	1,554	1,242
Urban	144,916	100,311	Urban	30,032	18,337
Cities:			Cities:		
Calgary	129,060	88,904	Red Deer	7,575	2,924
Drumheller	2,601	2,748	Wetaskiwin	3,824	2,318
Towns:			Towns:		
Didsbury	1,180	892	Camrose	4,131	2,598
Gleichen	430	435	Daysland	475	438
Olds	1,617	1,337	Innisfail	1,417	1,223
Strathmore	704	560	Lacombe	2,277	1,603
Three Hills	1,026	706	Ponoka	2,574	1,306
Villages:			Stettler	2,442	1,295
Acme	275	285	Villages:		
Airdrie	267	191	Alix	461	360
Beiseker	325	240	Bashaw	603	494
Bowness	2,922	.....	Bawlf	236	227
Carbon	374	409	Big Valley	307	291
Carstairs	468	371	Bittern Lake	25	50
Cluny	202	138	Blackfalds	154	113
Cochrane	530	298	Botha	98	111
Crossfield	443	409	Clive	241	224
Forest Lawn	1,079	899	Delburne	395	308
Hussar	120	116	Donalda	318	206
Irricana	180	172	Edberg	188	152
Langdon .....	.....	95	Elnora	211	195
Rockyford	246	201	Erskine .....	.....	172
Rosebud .....	.....	99	Ferintosh	205	169

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1941 AND 1951—Continued

Division and Subdivision	Total		Division and Subdivision	Total	
	1951	1941		1951	1941
Division No. 8—Continued:			Division No. 11—Continued:		
Villages Continued:			Rural—Continued:		
Gadsby	128	141	83. Strathcona	6,982	6,725
Gull Lake	32	21	84. Stony Plain	7,921	10,061
Halkirk	148	118	90. Sturgeon (pt.)	6,365	5,115
Ma-Me-O Beach	98	.....	91. Morinville (pt.)	3,307	3,542
Millet	402	325	93. Lac Ste. Anne (pt.)	4,999	5,654
Mirror	635	570	Elk Island Nat. Park	55	50
New Norway	258	169	Indian Reserves	1,014	997
Ohaton .....	.....	53	Urban	180,495	99,793
Penhold	174	183	Cities:		
Division No. 9	31,627	32,232	Edmonton	159,631	93,817
Rural	27,306	29,045	Towns:		
55. Red Deer (pt.)	5,653	5,735	Beverly	2,159	981
56. Waterloo	1,237	1,402	Devon	842	.....
57. Raven	2,366	2,254	Fort Saskatchewan	1,076	903
58. I.D.	66	94	Jasper Place	9,139	.....
64. Lacombe (pt.)	2,482	2,670	Leduc	1,842	871
65. I.D.	4,145	4,307	Morinville	892	580
66. Ponoka (pt.)	3,163	3,576	St. Albert	1,129	697
68. I.D.	226	257	Stony Plain	878	566
69. I.D.	1,223	1,234	Tofield	692	551
76. I.D. (pt.)	3,398	3,877	Villages:		
79. I.D. (pt.)	1,166	2,017	Alberta Beach	79	59
80. Jasper Nat. Park	1,899	1,622	Calmar	944	.....
Indian Reserves	282	.....	Hay Lakes	231	154
Urban	4,321	3,187	Lakeview	15	.....
Towns:			Onoway	189	156
Rimbey	757	410	Sangudo	269	173
Rocky Mtn. House	1,147	800	Seba Beach	103	84
Sylvan Lake	985	805	Thorsby	385	.....
Villages:			Wabamun .....	.....	201
Bentley	439	279	Division No. 12	17,740	17,431
Bowden	277	234	Rural	14,907	15,497
Eckville	379	135	77. I.D.	1,325	1,821
North Red Deer .....	.....	524	78. I.D.	1,511	1,875
Sundre	337	.....	79. I.D. (pt.)	2,826	1,862
Division No. 10	50,016	58,807	93. Lac Ste. Anne (pt.)	2,208	2,484
Rural	37,780	49,982	94. Pembina	2,688	3,462
61. Wainwright (pt.)	269	425	95. I.D.	2,561	2,560
71. Vermilion River (pt.)	9,817	11,869	96. I.D.	299	85
72. Minburn	5,909	7,052	108. I.D. (pt.)	114	106
73. Beaver (pt.)	3,032	3,683	109. I.D. (pt.)	1,343	1,209
81. Eagle	10,094	14,483	110. I.D. (pt.)	32	33
82. Lamont	8,659	12,470	111. I.D. (pt.) .....	.....	.....
Urban	12,236	8,825	Urban	2,833	1,934
Towns:			Towns:		
Lloydminster (pt.)	1,706	572	Edson	1,956	1,499
Mundare	596	756	Villages:		
Vegreville	2,223	1,696	Entwistle .....	.....	218
Vermilion	1,982	1,408	Mayerthorpe	472	217
Villages:			Wildwood	405	.....
Andrew	625	326	Division No. 13	30,152	33,172
Bruderheim	387	237	Rural	26,775	30,805
Chipman	180	240	71. Vermilion River (pt.)	434	587
Derwent	233	171	85. I.D.	289	512
Hairy Hill	205	.....	86. St. Paul	8,941	10,122
Holden	504	361	87. Bonnyville	1,474	1,867
Innisfree	287	253	88. Glendon	1,547	1,965
Islay .....	.....	132	89. Smoky Lake (pt.)	3,282	4,837
Kitscoty	235	234	101. I.D.	5,601	6,259
Lamont	637	438	102. I.D. (pt.)	2,791	2,745
Lavoy	122	178	103. I.D. (pt.)	23	52
Mannville	528	396	Indian Reserves	2,393	1,859
Minburn	186	129	Urban	3,377	2,367
Myrnam	388	216	Towns:		
Ranfurly .....	.....	129	Bonnyville	1,139	603
Ryley	406	323	St. Paul	1,407	1,018
Two Hills	525	210	Villages:		
Willingdon	281	420	Bellis .....	.....	128
Division No. 11	226,199	149,193	Elk Point	453	307
Rural	45,704	49,400	Vilna	378	311
73. Beaver (pt.)	2,439	2,997	Division No. 14	46,791	47,899
74. Wetaskiwin (pt.)	56	39	Rural	39,254	44,526
75. Leduc	11,108	12,741	89. Smoky Lake (pt.)	6,775	9,884
76. I.D. (pt.)	1,458	1,479	90. Sturgeon (pt.)	2,430	3,166

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1941 AND 1951—Continued

Division and Subdivision	Total		Division and Subdivision	Total	
	1951	1941		1951	1941
Division No. 14—Continued:			Division No. 16—Continued:		
Rural—Continued:			Division No. 16	32,439	30,349
91. Morinville (pt.)	2,504	2,838	Rural	25,631	26,349
92. Westlock	9,797	10,469	111. I.D. (pt.)	11	18
93. Lac Ste. Anne (pt.)	2,629	3,006	132. I.D.	2,905	2,110
102. I.D. (pt.)	2,619	2,639	133. Spirit River	1,406	1,828
103. Athabasca	7,799	7,922	134. I.D.	2,568	2,372
107. I.D.	3,112	3,166	135. Peace	1,741	2,003
108. I.D. (pt.)	1,072	1,088	136. Fairview	2,031	2,326
122. I.D.	469	348	138. I.D. (pt.)	1,663	1,610
Indian Reserves	48	.....	139. I.D.	3,007	2,740
Urban	7,537	3,373	Grande Prairie No. 1	10,198	11,181
Towns:			Indian Reserves	101	161
Athabasca	1,068	578	Urban	6,808	4,000
Barrhead	1,243	399	Towns:		
Lac la Biche	905	517	Fairview	929	432
Redwater	1,306	.....	Grande Prairie	2,664	1,724
Westlock	1,111	590	Villages:		
Villages:			Beaverlodge	514	331
Clyde	219	160	Berwyn	288	206
Legal	523	462	Clairmont	.....	102
Radway	184	.....	Grimshaw	564	169
Smoky Lake	491	430	Hythe	342	247
Thorhild	248	.....	Rycroft	372	.....
Waskatenau	239	237	Sexsmith	331	325
Division No. 15	21,663	17,484	Spirit River	553	276
Rural	16,963	16,020	Wembley	251	188
108. I.D. (pt.)	771	917	Division No. 17	11,587	9,712
109. I.D. (pt.)	170	160	Rural	10,966	9,712
110. I.D. (pt.)	41	75	102. I.D. (pt.)	.....	3
111. I.D. (pt.)	313	267	121. I.D. (pt.)	310	224
123. I.D.	.....	15	128. I.D.	593	365
124. I.D.	2,934	2,545	129. I.D.	502	335
125. I.D.	3,150	3,044	131. I.D. (pt.)	179	51
126. I.D.	2,138	1,687	137. I.D.	124	45
130. I.D.	4,195	4,327	138. I.D. (pt.)	2,547	1,970
131. I.D. (pt.)	2,185	1,829	143. I.D.	1,158	2,316
Indian Reserves	1,066	1,154	144. I.D.	115	37
Urban	4,700	1,464	145. I.D.	158	90
Towns:			146. I.D.	754	279
High Prairie	1,141	.....	147. I.D.	1,589	1,378
McLennan	1,074	.....	148. I.D.	.....	12
Peace River	1,672	873	149. I.D.	39	67
Villages:			Wood Buffalo Nat. Park	36	42
Falher	575	244	Indian Reserves	2,862	2,507
Grouard	.....	347	Urban	621	.....
Kinuso	238	.....	Towns:		
			McMurray	621	.....

TABLE 1.—GENERAL SUMMARY OF BIRTHS, DEATHS AND MARRIAGES IN ALBERTA BY DIVISIONS, INCLUDING CITIES, TOWNS AND VILLAGES OF 1,000 POPULATION AND OVER, BY PLACE OF RESIDENCE, 1951

Divisions, Cities, Towns and Villages	Births (Exclusive of Still- births)				DEATHS								Stillbirths	Marriages				
					All Ages				Under 1 year						Neo-natal deaths (under 28 days)			
	Total	M.	F.	Total	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.		
TOTAL FOR THE PROVINCE																		
	27063	13760	13243	7167	4429	2738	531	358	90	76	345	212	402	9305				
Division No. 1	964	500	464	253	171	82	16	9	2	3	11	5	10	347				
Division No. 2	2081	1059	1022	532	323	209	42	29	5	6	30	17	36	796				
Division No. 3	490	249	241	111	63	48	10	4	1	2	10	3	6	86				
Division No. 4	874	454	440	250	165	85	20	14	5	3	15	9	17	146				
Division No. 5	401	222	179	133	90	43	7	11	..	..	5	7	8	70		
Division No. 6	5405	2763	2,642	1617	989	628	99	56	15	8	67	35	86	2359				
Division No. 7	794	396	398	251	164	87	7	12	..	..	4	8	14	214		
Division No. 8	2025	982	1043	654	393	261	42	35	7	10	27	23	38	685				
Division No. 9	723	371	352	229	138	91	18	15	4	3	11	12	8	122				
Division No. 10	1159	599	591	370	221	149	29	13	4	6	20	6	19	388				
Division No. 11	7092	3617	3475	1590	956	634	109	57	14	12	78	31	99	3023				
Division No. 12	477	248	228	133	92	41	6	9	3	..	4	8	7	91				
Division No. 13	906	466	440	230	142	88	30	27	11	7	16	10	11	186				
Division No. 14	1326	678	648	310	198	112	26	23	4	4	16	16	11	309				
Division No. 15	888	458	430	184	116	68	31	18	8	6	9	10	15	177				
Division No. 16	997	506	491	217	144	73	17	13	4	1	14	9	15	244				
Division No. 17	370	212	158	103	64	39	22	13	3	5	8	3	2	62				
CITIES																		
Calgary	10352	5321	5031	2794	1703	1091	168	89	22	14	125	57	155	5580				
Drumheller	3649	1907	1742	1146	702	444	61	31	10	6	45	23	58	1938				
Edmonton	140	71	69	37	26	11	3	1	1	..	3	1	1	78				
Lethbridge	5089	2595	2494	1152	695	457	75	42	8	6	56	22	73	2622				
Medicine Hat	701	347	354	184	111	73	15	7	..	..	13	6	10	392		
Red Deer	399	215	184	140	87	53	7	3	..	2	3	1	6	252				
Wetaskiwin	270	132	138	78	46	32	5	2	1	..	3	2	7	167				
TOWNS																		
Beverly	104	54	50	57	36	21	2	3	2	..	2	2	..	91				
Blairmore	1843	934	909	660	371	289	52	40	3	4	40	30	32	1091				
Brooks	52	26	26	11	6	5	1	1	1	1	1	1	1	5				
Camrose	56	33	23	17	11	6	1	..	..	1	..	..	..	26		
Cardston	68	39	29	24	14	10	4	1	..	..	..	1	..	33		
Clareholm	122	63	59	56	35	21	2	2	1	..	2	2	..	94				
Coleman	77	51	26	18	12	6	5	..	..	..	3	3	2	110		
Edson	35	17	18	17	12	5	2	1	..	1	1	..	..	36		
Grande Prairie	71	39	32	32	21	11	1	..	..	..	1	3	3	31		
Hanna	79	36	43	17	11	6	..	..	..	..	4	2	1	37		
High River	125	61	64	20	13	7	4	..	..	..	..	2	..	96		
Innisfail	60	33	27	33	20	13	..	..	..	..	1	..	..	32		
Lacombe	51	25	26	41	21	20	1	2	..	..	..	1	..	33		
	47	29	18	21	9	12	1	2	..	..	..	2	..	25		
	68	35	33	41	21	20	3	4	..	..	2	2	..	49		

Macleod	58	28	30	20	11	9	1	1	1	2	1	31
Magrath	37	13	24	6	2	4	.....	.....	.....	.....	.....	27
Olds	46	29	17	21	10	11	.....	.....	.....	.....	.....	34
Pincher Creek	23	18	23	33	15	11	2	2	1	1	2	26
Ponoka	92	42	50	31	21	10	2	2	1	.....	.....	37
Raymond	57	24	33	21	12	9	5	2	.....	.....	.....	24
Redcliff	41	25	16	17	10	7	3	1	.....	.....	.....	7
Rocky Mountain House	50	26	24	20	11	9	3	2	1	.....	.....	17
St. Paul	63	31	32	17	10	7	1	3	.....	.....	.....	35
Stettler	100	39	61	31	17	14	3	2	.....	.....	.....	70
Taber	135	65	70	19	12	7	3	2	.....	.....	.....	44
Vegreville	68	26	40	28	13	15	2	1	1	.....	.....	53
Vermilion	73	44	29	23	11	12	1	1	.....	.....	.....	44
Wainwright	72	36	36	25	10	15	1	2	.....	.....	.....	35
VILLAGES	74	45	29	21	16	5	2	1	1	2	.....	22
Black Diamond	36	20	16	10	6	4	.....	.....	.....	.....	.....	8
Turner Valley	38	25	13	11	10	1	2	.....	.....	.....	.....	14

TABLE 2.—GENERAL SUMMARY OF BIRTHS, DEATHS AND MARRIAGES IN ALBERTA BY DIVISIONS INCLUDING CITIES, TOWNS AND VILLAGES OF 1,000 POPULATION AND OVER, BY PLACE OF OCCURRENCE, 1951

PROVINCE AND DIVISIONS														Marriages	
Births (Exclusive of Still- births)			All Ages			Deaths				Neo-natal deaths (under 28 days)			Stillbirths		
Total	M.	F.	Total	M.	F.	Under 1 year		1-4 years		M.	F.	M.			F.
						M.	F.	M.	F.						
TOTAL FOR THE PROVINCE														9365	
Division No. 1	26940	13728	13212	7162	4422	2740	528	357	86	77	343	211	401	9365	
Division No. 2	983	517	466	231	150	81	17	9	2	3	11	5	11	347	
Division No. 3	2436	1226	1210	547	327	220	47	33	6	5	36	21	36	796	
Division No. 4	373	185	188	69	42	27	6	1	5	2	5	2	3	86	
Division No. 5	457	242	215	171	111	60	11	6	5	1	7	2	14	146	
Division No. 6	216	123	93	97	67	30	4	5	...	...	3	3	5	70
Division No. 7	5854	2975	2879	1720	1058	662	109	69	11	8	76	45	95	2359	
Division No. 8	820	412	408	212	140	72	7	11	6	9	32	21	8	214	
Division No. 9	2206	1094	1112	757	451	306	45	31	2	1	36	10	9	685	
Division No. 10	499	256	243	174	106	68	12	13	4	6	16	5	20	388	
Division No. 11	929	476	453	317	189	128	24	13	4	20	83	40	107	3023	
Division No. 12	7697	3918	3779	1879	1155	724	123	69	22	20	...	...	4	91
Division No. 13	348	180	168	99	65	34	5	10	4	...	...	...	8	186
Division No. 14	851	429	422	189	118	71	29	24	9	7	18	8	10	309	
Division No. 15	1122	577	545	246	155	91	23	22	3	3	13	15	6	177	
Division No. 16	814	418	396	170	105	65	31	16	6	6	10	8	14	244	
Division No. 17	1028	523	505	197	133	64	15	11	3	1	12	8	14	62	
Division No. 17	307	177	130	87	50	37	20	14	3	5	7	3	2	62	

TABLE 3.—BIRTHS (EXCLUSIVE OF STILLBIRTHS) BY MONTHS, CLASSIFIED AS RURAL AND URBAN, BY PLACE OF RESIDENCE, IN THE PROVINCE OF ALBERTA, 1951

	Total	MONTHS											
		January	February	March	April	May	June	July	August	September	October	November	December
ALBERTA	27003	2025	1918	2358	2325	2451	2435	2497	2282	2374	2181	2101	2056
Rural	14734	1145	1039	1276	1241	1345	1308	1396	1280	1268	1203	1120	1113
Urban	12269	880	879	1082	1084	1106	1127	1101	1002	1106	978	981	943
DIVISION No. 1	964	72	67	92	90	88	73	85	95	81	69	70	82
Rural	430	33	35	45	37	43	30	41	38	33	30	30	35
Urban	534	39	32	47	53	45	43	44	57	48	39	40	47
City of Medicine Hat	399	31	25	40	41	37	32	33	38	32	32	32	35
Town of Taber	135	8	7	7	12	8	11	11	19	16	16	8	12
DIVISION No. 2	2081	140	144	174	168	210	199	194	169	173	180	166	164
Rural	947	65	69	74	75	85	93	80	84	69	89	78	86
Urban	1134	75	75	100	93	125	106	114	85	104	91	88	78
City of Lethbridge	701	51	53	59	56	72	67	74	49	53	60	59	48
Town of Blairmore	56	3	3	2	4	10	8	2	3	5	4	7	5
Cardston	77	2	4	8	10	11	1	7	4	12	7	7	4
Clareholm	35	3	3	1	6	3	2	5	1	3	2	5	4
Coleman	71	2	1	12	3	7	9	3	9	10	9	4	2
Macleod	58	4	2	6	4	9	10	8	2	3	3	1	6
Magrath	37	3	2	3	3	5	2	1	7	5	4	...	2
Pincher Creek	42	3	4	4	6	1	4	6	1	8	1	2	2
Raymond	57	4	3	5	1	7	3	8	9	5	1	3	8
DIVISION No. 3	490	39	36	33	48	34	40	51	48	50	39	36	36
Rural	381	32	29	27	36	20	33	37	40	39	31	27	30
Urban	109	7	7	6	12	14	7	14	8	11	8	9	6
Town of Brooks	68	5	4	3	7	10	3	7	6	9	6	5	3
Redcliff	41	2	3	3	5	4	4	7	2	2	2	4	3
DIVISION No. 4	874	72	66	80	73	69	62	68	63	87	88	73	73
Rural	749	58	54	69	68	62	51	58	53	71	79	65	61
Urban	125	14	12	11	5	7	11	10	10	16	9	8	12
Town of High River	51	8	2	5	1	5	3	5	6	5	5	3	2
Village of Black Diamond	36	3	5	2	1	...	5	2	2	8	3	1	4
Turner Valley	38	3	5	4	3	2	3	3	2	2	1	4	6

DIVISION No. 5	401	21	25	34	33	31	28	49	43	40	44	20	33
Rural	341	19	21	31	28	24	23	42	38	31	38	18	28
Urban	60	2	4	3	5	7	5	7	5	9	6	2	5
Town of Hanna	60	2	4	3	5	7	5	7	5	9	6	2	5
DIVISION No. 6	5405	413	390	454	494	444	517	470	449	534	397	426	417
Rural	1570	126	109	120	122	127	142	148	159	149	113	143	112
Urban	3835	281	334	334	372	317	375	322	290	385	284	283	305
City of Calgary	3649	273	266	318	356	306	357	306	282	371	264	260	290
Town of Drumheller	140	10	13	9	12	9	16	13	7	9	16	15	11
Town of Olds	46	4	2	7	4	2	2	3	1	5	4	8	4
DIVISION No. 7	794	55	52	70	73	74	66	70	76	69	66	59	64
Rural	722	54	49	65	68	64	58	64	66	60	60	57	57
Urban	72	1	3	5	5	10	8	6	10	9	6	2	7
Town of Wainwright	72	1	3	5	5	10	8	6	10	9	6	2	7
DIVISION No. 8	2025	163	129	180	156	211	163	213	180	190	151	157	132
Rural	1222	108	73	102	93	134	101	135	118	116	80	84	78
Urban	803	55	56	78	63	77	62	78	62	74	71	73	54
City of Red Deer	270	20	18	29	20	25	20	22	17	22	30	27	20
Town of Wetaskiwin	104	5	6	12	2	11	11	13	5	13	8	12	6
Town of Camrose	122	9	11	8	13	15	9	11	13	8	9	9	7
Innisfail	47	5	2	1	3	8	3	4	5	5	3	5	3
Lacombe	68	4	2	9	8	4	4	7	6	10	6	5	2
Ponoka	92	4	5	6	6	6	8	13	9	11	5	11	8
Stettler	100	8	11	13	11	8	7	8	7	5	10	4	8
DIVISION No. 9	723	61	52	80	48	64	74	69	57	59	51	47	61
Rural	55	48	75	46	59	59	70	65	48	57	46	45	59
Urban	50	6	4	5	2	5	4	4	9	2	5	2	2
Town of Rocky Mountain House	50	6	4	5	2	5	4	4	9	2	5	2	2
DIVISION No. 10	1190	89	91	84	103	104	106	122	101	106	101	90	93
Rural	1051	76	76	75	95	92	93	108	92	93	92	76	83
Urban	139	13	15	9	5	12	13	14	9	13	9	14	10
Town of Vegreville	66	5	9	5	5	5	7	4	5	4	8	6	3
Town of Vermilion	73	8	6	4	3	7	6	10	4	9	1	8	7
DIVISION No. 11	7092	518	508	636	575	662	674	660	613	576	585	567	518
Rural	1951	154	138	166	133	199	197	204	175	166	160	133	136
Urban	5141	364	370	470	442	463	477	456	438	410	425	434	392
City of Edmonton	5089	358	365	464	437	457	476	453	431	408	424	429	387
Town of Beverly	52	6	5	6	5	6	1	3	7	2	1	5	5
DIVISION No. 12	477	22	37	37	41	49	50	39	48	44	37	43	30
Rural	398	18	31	36	36	39	39	46	31	34	28	34	25
Urban	79	4	6	1	5	10	4	8	8	10	9	9	5
Town of Edson	79	4	6	1	5	10	4	8	8	10	9	9	5

TABLE 3.—BIRTHS (EXCLUSIVE OF STILLBIRTHS) BY MONTHS, CLASSIFIED AS RURAL AND URBAN, BY PLACE OF RESIDENCE, IN THE PROVINCE OF ALBERTA, 1951—Continued

	Total	MONTHS											
		January	February	March	April	May	June	July	August	September	October	November	December
DIVISION No. 13	906	73	63	85	89	91	84	89	64	62	59	73	74
Rural	843	67	57	79	84	85	80	80	61	56	55	67	72
Urban	63	6	6	6	5	6	4	9	3	6	4	6	2
Town of St. Paul	63	6	6	6	5	6	4	9	3	6	4	6	2
DIVISION No. 14	1326	108	96	126	135	117	114	121	96	114	111	92	96
Rural	1326	108	96	126	135	117	114	121	96	114	111	92	96
DIVISION No. 15	888	63	59	66	92	80	77	79	74	80	80	73	65
Rural	888	63	59	66	92	80	77	79	74	80	80	73	65
DIVISION No. 16	997	86	64	85	78	93	79	93	81	78	88	85	87
Rural	872	79	56	78	64	85	71	78	73	69	76	74	69
Urban	125	7	8	7	14	8	8	15	8	9	12	11	18
Town of Grande Prairie	125	7	8	7	14	8	8	15	8	9	12	11	18
DIVISION No. 17	370	30	39	42	29	30	29	25	25	31	35	24	31
Rural	370	30	39	42	29	30	29	25	25	31	35	24	31

TABLE 4.—LEGITIMATE AND ILLEGITIMATE BIRTHS (EXCLUSIVE OF STILL-BIRTHS), IN CITIES OF 5,000 POPULATION AND OVER IN ALBERTA, BY PLACE OF RESIDENCE OF MOTHER, 1951

Province, Cities and Towns	Total Births			Legitimate			Illegitimate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
TOTAL FOR THE PROVINCE	27003	13760	13243	25731	13136	12595	1272	624	648
Cities:									
Calgary	3649	1907	1742	3443	1801	1642	206	106	100
Edmonton	5089	2595	2494	4841	2473	2368	248	122	126
Lethbridge	701	347	354	676	330	346	25	17	8
Medicine Hat	399	215	184	388	212	176	11	3	8

TABLE 5.—MULTIPLE BIRTHS CLASSIFIED TO SHOW THE NUMBER OF CHILDREN BORN ALIVE AND STILLBORN, BY SEX IN ALBERTA, BY PLACE OF RESIDENCE OF MOTHER, 1951

Classification of Births	Number
TWIN BIRTHS	350
Two males (both living)	118
One male and one female (both living)	109
Two females (both living)	108
One male living and one male stillborn	4
One male living and one female stillborn	1
One male still born and one female living	3
One female living and one female stillborn	3
Two males (both stillborn)	3
One male and one female living and one male stillborn	1
TRIPLLET BIRTHS	4
Three males (all living)	1
Two males and one female (all living)	2
One male and one female (both stillborn)	1
Total multiple births	Number 354
	Male 369
	Female 343
Total single live births	Number 26311
	Male 13406
	Female 12905
Total single stillbirths	Number 382
	Male 205
	Female 177
Total confinements	27047

[illegible]

[illegible]

TABLE 9.—TOTAL LIVE BIRTHS AND LIVE BIRTHS IN INSTITUTIONS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE OF MOTHER, IN ALBERTA, 1951

Province	All Live Births						Births in Institutions					
	Place of occurrence	Mother's residence elsewhere		Births to resident mothers occurring elsewhere		Place of residence	Place of occurrence	Mother's residence elsewhere		Births to resident mothers occurring elsewhere		Place of residence
		In Canada	In United States	In Canada	In United States			In Canada	In United States	In Canada	In United States	
Total for the Province	26940	231	7	293	8	27003	25205	223	7	286	8	25269

TABLE 10.—TOTAL LIVE BIRTHS AND LIVE BIRTHS IN INSTITUTIONS IN CITIES OF 5,000 POPULATION AND OVER, BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE OF MOTHER, IN ALBERTA, 1951

Cities	All Live Births				Births in Institutions				Place of residence		
	Place of occurrence	Mother's residence elsewhere		Births to resident mothers occurring elsewhere		Place of occurrence	Mother's residence elsewhere			Births to resident mothers occurring elsewhere	
		In Canada	In United States	In Canada	In United States		In Canada	In United States		In Canada	In United States
Calgary	4725	1135	1	60	3649	4722	1134	1	58	3645	
Edmonton	7513	2498	...	73	5089	7511	2497	...	71	5086	
Lethbridge	1275	589	1	16	701	1275	589	1	16	701	
Medicine Hat	669	281	1	12	399	666	279	1	11	397	

TABLE 11—ORDER OF BIRTH OF LEGITIMATE CHILDREN BORN IN 1950 (INCLUDING STILLBORN CHILDREN),
IN ALBERTA, BY AGE AND RESIDENCE OF MOTHER

Order of birth of child	Total	Age of Mother											Age not stated	
		Under 15 yrs.	15 years	16 years	17 years	18 years	19 years	20 years	20-24 years	25-29 years	30-34 years	35-39 years		40-44 years	45 years and over
TOTAL	26106	7	47	208	486	892	1640	7796	7915	5148	2768	770	63	6
1st child	7251	7	42	187	408	632	1276	3505	1638	576	212	41	2	1
2nd "	7461	5	5	18	71	226	320	2753	2663	1242	407	72	3	1
3rd "	4903			3	6	32	41	1096	1866	1282	533	82	2	1
4th "	2705				1	1	2	337	941	855	466	102	2	1
5th "	1555						1	90	494	515	359	89	6	1
6th "	788							10	182	279	231	81	5	
7th "	517							5	86	184	161	73	8	
8th "	317								32	103	124	51	7	
9th "	192								9	53	90	35	5	
10th "	147								2	38	71	36	4	
11th "	99									13	55	27	3	
12th "	76									5	32	31	2	
13th "	42									3	16	21	1	
14th "	24								1			5	1	
15th "	12											3	4	
16th "	10											2	4	
17th "	4											1	4	
18th "												3	5	
19th "												2	4	
20th and over												1	3	
Not stated	3								1					2

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Alternative classification of accidents, poisonings and violence (external cause)		Alternative classification of accidents, poisonings and violence (nature of injury)																															
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female								
AE138	Motor vehicle accidents	141	1	1	1	2	4	4	12	14	16	14	6	6	13	8	8	9	4	9	5	3	1										
AE139	Other transport accidents	38	1	1	1	4	3	5	6	3	10	4	2	1	2	3	1	3	2	1	2	1											
AE140	Accidental poisoning	8	1			2	2	1	2	1	1	1	1	1	1	1	1	1	2														
AE141	Accidental falls	10	1	2	2	1	1		2	2	1	1	1	1				2	3	3	6	9	4	3	1								
AE142	Accident caused by machinery	48		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	3	4	16	12	1								
AE143	Accident caused by fire and explosion of combustible material	34	1	2	1			2	5	6	3		4	1	2	3	2	1	1														
AF144	Accident caused by hot substance, corrosive liquid, steam, and radiation	22	1	1	1	1	1	1	1						1	3	1	2		3	1	3	1										
AE145	Accident caused by firearm	8	3	1												2				1	2												
AE146	Accidental drowning and submersion	2							2	1	1	1	1	1	1	1	1																
AE147	All other accidental causes	8		1	3	2	3	2	5	3					2	1				1	1	2											
AE148	Suicide and self-inflicted injury	77	15	3	2	2	1		5	4	8	6	4	4	3	2	2	8	4	2	3	2	1										
AE149	Homicide and injury purposely inflicted by other persons (not in war)	27	17						1	4	3	5	4	5	9	11	6	5	2	2	5	6	3										
AF150	Injury resulting from operations of war.	19							1	5	1	1	3	1	1			1		1													
		3																															
		2																															
Alternative classification of accidents, poisonings and violence (nature of injury)		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female								
		482	172	17	20	8	4	6	7	8	2	3	7	13	17	31	47	35	38	22	20	38	28	29	27	24	26	26	10	4	1	2	
AN138	Fracture of skull	95		2	1	1	2	3	8	9	12	7	8	6	5	9	4	1	4	4	3	3	2	1									
AN139	Fracture of spine and trunk	26	2		2	2	1	4	1	2	1	2	2	1	2	1	1	3	5	2	2	2											
AN140	Fracture of limbs	39								4	4	4	4	3	4	3		2	5	1	2												
AN141	Dislocation without fracture	26							1	2	1	1	1		2	1		3	1	2	2	7	4	3	1	4	15	10	1	2			
AN142	Sprains and strains of joints and adjacent muscles	36																															
		2		1					1																								
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female

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VITAL STATISTICS BRANCH

TABLE 19.—CAUSES OF DEATH (INTERMEDIATE LIST) BY SEX AND AGE IN EDMONTON, BY PLACE OF RESIDENCE, 1951—Continued

CAUSES OF DEATH	Total	AGES																Not stated									
		Under 1 yr.	1 year	2 years	3 years	4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years		60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over
A121 Infections of skin and subcutaneous tissue	Male																										
A122 Arthritis and spondylitis	Female																										
A123 Muscular rheumatism and rheumatism, unspecified	Male																										
A124 Osteomyelitis and periostitis	Female																										
A125 Ankylosis and acquired musculoskeletal deformities	Male																										
A126 All other diseases of skin and musculoskeletal system	Female																										
A127 Spina bifida and meningocele	Male																										
A128 Congenital malformations of circulatory system	Female																										
A129 All other congenital malformations	Male																										
A130 Birth injuries	Female																										
A131 Postnatal asphyxia and atelectasis	Male																										
A132 Infections of the newborn	Female																										
A133 Haemolytic disease of new born	Male																										
A134 All other defined diseases of early infancy	Female																										
A135 Ill-defined diseases peculiar to early infancy, and immaturity unqualified	Male																										
A136 Senility without mention of psychosis	Female																										
A137 Ill-defined and unknown causes	Male																										

Alternative classification of accidents, poisonings and violence (external cause)		Male		78	3	1	1	1	1	1	7	14	7	6	3	1	4	3	3	6	3	6	4	3	2	5	2
		Female	31	4	1	1	1	1	1	2	1	2	2	2	1	2	1	2	1	1	1	2	1	2	1	1	1
AE138	Motor vehicle accidents	Male	33	1	1	1	1	1	1	1	2	7	3	2	1	2	1	2	1	2	2	3	3	3	3	3	2
AE139	Other transport accidents	Female	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE140	Accidental poisoning	Male	3	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	
AE141	Accidental falls	Female	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE142	Accident caused by machinery	Male	7	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	3	1	5	2	2	
AE143	Accident caused by fire and explosion of combustible material	Female	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AF144	Accident caused by hot substance, corrosive liquid, steam, and radiation	Male	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE145	Accident caused by firearm	Female	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE146	Accidental drowning and submersion	Male	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE147	Accidental poisoning	Female	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE148	All other accidental causes	Male	7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE149	Suicide and self-inflicted injury	Female	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AE150	Homicide and injury purposely inflicted by other persons (not in war)	Male	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AF150	Injury resulting from operations of war	Female	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Alternative classification of accidents, poisonings and violence (nature of injury)		Male	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AN138	Fracture of skull	Female	78	3	1	1	1	1	1	1	1	7	14	7	6	3	1	4	3	3	6	3	6	4	3	2	5
AN139	Fracture of spine and trunk	Male	31	4	1	1	1	1	1	1	2	1	2	2	2	1	2	1	1	1	1	2	1	1	2	1	
AN140	Fracture of limbs	Female	16	4	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	2	1	1	
AN141	Dislocation without fracture	Male	11	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	
AN142	Sprains and strains of joints and adjacent muscles	Female	2	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AN143	Head injury (excluding fracture)	Male	7	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	

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VITAL STATISTICS BRANCH

TABLE 20.—CAUSES OF DEATH (INTERMEDIATE LIST) BY SEX AND AGE IN CALGARY, BY PLACE OF RESIDENCE, 1951—Continued

CAUSES OF DEATH		Total	AGES															100 years and over	Not stated							
			Under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years			55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years
Alternative classification of accidents, poisonings and violence (external cause)		Male Female	1 1	1 1	1 1	1 1	1 1	1 1	1 1	2 2	2 1	3 3	1 2	3 4	2 2	3 3	1 2	5 1	2 1	4 2	3 1	2 1	4 3	2 2	1 1	1 1
AE138	Motor vehicle accidents	Male Female	4 6	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 2	1 1	1 1	1 2	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE139	Other transport accidents	Male Female	2 3	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE140	Accidental poisoning	Male Female	1 2	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE141	Accidental falls	Male Female	6 11	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE142	Accident caused by machinery	Male Female	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE143	Accident caused by fire and explosion of combustible material	Male Female	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AF144	Accident caused by hot substance, corrosive liquid, steam, and radiation	Male Female	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE145	Accident caused by firearm	Male Female	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE146	Accidental drowning and submersion	Male Female	2 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE147	All other accidental causes	Male Female	7 2	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE148	Suicide and self-inflicted injury	Male Female	7 4	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AE149	Homicide and injury purposely inflicted by other persons (not in war)	Male Female	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
AF150	Injury resulting from operations of war	Male Female	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
Alternative classification of accidents, poisonings and violence (nature of injury)		Male Female	30 29	1 1	1 1	1 1	1 1	1 1	1 1	2 2	2 1	3 3	1 3	2 4	3 2	3 3	1 3	5 2	2 1	4 3	2 1	4 2	3 3	2 2	1 1	1 1

AN138	Fracture of skull	Male	2	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE 21.—CLASSIFICATION OF ACCIDENTAL DEATHS ACCORDING TO THE NATURE OF INJURY, IN ALBERTA, 1951

CAUSES OF DEATH		Male	Female
	Fracture of skull (N800-N804)	95	26
E800-E802	Railway accidents	2	...
E810-E835	Motor vehicle accidents	54	20
E840-E845	Other road vehicle accidents	3	3
E860-E866	Aircraft accidents	3	...
E900-E904	Accidental falls	8	1
E910-E936	Other accidents	23	1
E970-E979	Suicide and self-inflicted injury	2	...
E980-E985	Homicide and injury purposely inflicted by other persons (not in war) .....	...	1
	Fracture of spine and trunk (N805-N809)	39	9
E800-E802	Railway accidents	1	...
E810-E835	Motor vehicle accidents	27	5
E900-E904	Accidental falls	4	2
E910-E936	Other accidents	6	...
E960-E965	Late effects of injury and poisoning .....	...	1
E970-E979	Suicide and self-inflicted injury	1	1
	Fracture of limbs (N810-N829)	26	36
E800-E802	Railway accidents	1	...
E810-E835	Motor vehicle accidents	5	...
E900-E904	Accidental falls	20	36
	Dislocation without fracture (N830-N839) .....	...	2
E810-E835	Motor vehicle accidents .....	...	1
E910-E936	Other accidents .....	...	1
	Head injury (excluding fracture) (N850-N856)	55	10
E800-E802	Railway accidents	1	1
E810-E835	Motor vehicle accidents	9	1
E840-E845	Other road vehicle accidents	1	...
E900-E904	Accidental falls	4	5
E910-E936	Other accidents	9	1
E960-E965	Late effects of injury and poisoning	1	...
E970-E979	Suicide and self-inflicted injury	27	2
E980-E985	Homicide and injury purposely inflicted by other persons (not in war)	3	...
	Internal injury of chest, abdomen and pelvis (N860-N869)	86	18
E800-E802	Railway accidents	6	...
E810-E835	Motor vehicle accidents	43	10
E840-E845	Other road vehicle accidents	2	...
E900-E904	Accidental falls	3	2
E910-E936	Other accidents	26	3
E970-E979	Suicide and self-inflicted injury	6	2
E980-E985	Homicide and injury purposely inflicted by other persons (not in war) .....	...	1
	Laceration and open wounds (N870-N908)	11	...
E800-E802	Railway accidents	4	...
E910-E936	Other accidents	2	...
E970-E979	Suicide and self-inflicted injury	5	...
	Superficial injury, contusion and crushing with intact skin surface (N910-N929)	1	1
E900-E904	Accidental falls	1	1
	Effects of foreign body entering through orifice (N930-N936)	9	12
E910-E936	Other accidents	9	12
	Burns (N940-N949)	17	7
E860-E866	Aircraft accidents	2	...
E910-E936	Other accidents	15	7
	Effects of poisons (N960-N979)	33	21
E810-E835	Motor vehicle accidents	1	...
E850-E858	Water transport accidents .....	...	2
E870-E888	Accidental poisoning by solid and liquid substances	5	4
E890-E895	Accidental poisoning by gases and vapours	13	6
E910-E936	Other accidents	8	3
E970-E979	Suicide and self-inflicted injury	6	6

CAUSES OF DEATH		Male	Female
All other and unspecified effects of external causes (N950-N959, N980-N999)		110	30
E810-E835	Motor vehicle accidents	2	1
E850-E858	Water transport accidents	12	2
E860-E866	Aircraft accidents	1	...
E900-E904	Accidental falls	1	1
E910-E936	Other accidents	73	18
E960-E965	Late effects of injury and poisoning	1	...
E970-E979	Suicide and self-inflicted injury	20	8

TABLE 22.—TOTAL DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATHS IN INSTITUTIONS IN CITIES OF 5,000 POPULATION AND OVER, BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE IN ALBERTA, 1951

Cities	All Deaths						Deaths in Institutions					
	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence	Place of occurrence		Residence elsewhere		Deaths of residents occurring elsewhere	
		In Canada	In United States	In Canada	In United States		In Canada	In United States	In Canada	In United States	In Canada	In United States
Cities:												
Calgary	1324	273	4	94	5	1146	935	242	62	3	756	
Edmonton	1607	557	1	96	7	1152	1299	529	43	1	813	
Lethbridge	240	81	1	25	1	184	180	74	17	...	123	
Medicine Hat	166	37	1	12	...	140	126	34	11	...	102	

TABLE 23.—TOTAL DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATHS IN INSTITUTIONS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE
IN ALBERTA, 1951

Province	All Deaths						Deaths in Institutions					
	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence
		In Canada	In United States	In Canada	In United States			In Canada	In United States	In Canada	In United States	
Alberta	7162	108	21	103	31	7167	4466	60	7	58	13	4470

B39	610	Hyperplasia of prostate	728	12	7	40	27	200	224	33	60	40	85
B40	640-652,660,	Complications of pregnancy, childbirth and the											
	670-689	puerperium	405	25	1	12	11	180	97	22	22	15	20
B41	750-759	Congenital malformations	2,435	64	12	106	97	796	828	98	110	166	158
B42	760-762	Birth injuries, postnatal asphyxia and atelectasis	2,622	60	15	133	117	857	838	131	121	171	179
B43	763-768	Infections of the newborn	659	18	3	20	43	321	124	38	34	28	30
B44	769-776	Other diseases peculiar to early infancy, and im-											
		maturity unqualified	3,949	144	21	151	207	1,616	1,000	140	188	262	220
B45	780-795	Senility without mention of psychosis, ill-defined											
		and unknown causes	2,235	341	16	143	252	591	387	145	92	134	134
B46	Residual	All other diseases	10,059	236	57	490	333	3,253	3,070	672	525	573	850
B47	E810-E835	Motor vehicle accidents	2,662	26	23	109	117	814	954	105	98	179	237
BE48	E800-E802	All other accidents	5,372	132	26	242	185	1,302	1,826	273	290	384	712
	E840-E862												
BE49	E963 E970-E979	Suicide and self-inflicted injury	1,033	12	5	28	19	177	385	92	63	86	166
BE50	E964, E965,	Homicide and operations of war	155	1	...	8	3	40	61	14	4	5	19
	E980-E999												
		All causes	125,454	3,004	904	5,812	4,873	34,900	43,981	6,735	6,440	7,167	11,638

TABLE 25.—DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY PROVINCES, 1951

Abbrev. List	Int. List No.		Canada	CAUSES OF DEATH										B.C.
	Detailed List			Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.		
B 1	001-008	Tuberculosis of respiratory system.....	20.4	54.5	14.2	16.5	20.4	31.6	11.6	14.9	14.8	12.7	21.8	
B 2	010-019	Tuberculosis, other forms	4.0	16.3	3.0	3.1	5.6	6.7	1.0	5.4	4.0	2.9	3.3	
B 3	020-029	Syphilis and its sequelae	2.2	1.1	2.0	3.1	1.6	2.8	1.9	1.8	0.8	1.9	2.1	
B 4	040	Typhoid fever	0.1	0.3	....	....	0.2	0.2	(2)	....	0.1	....	....
B 5	043	Cholera .....	....	....	....	....	....	....	....	....	....	....	....
B 6	045-048	Dysentery, all forms	0.4	....	....	0.3	0.4	0.3	0.4	0.8	0.4	0.5	0.2
B 7	050-051	Scarlet fever, and streptococcal sore throat	0.3	....	....	....	0.2	0.2	0.4	0.3	0.6	0.7	0.2
B 8	055	Diphtheria	0.3	....	....	0.2	0.8	0.6	(2)	0.1	0.2	0.1	....
B 9	056	Whooping cough	1.4	9.1	....	1.2	7.2	1.3	1.3	1.7	1.4	0.7	0.7
B 10	057	Meningococcal infections	0.6	1.7	....	0.6	0.8	0.6	0.7	0.4	0.5	0.3	0.5
B 11	058	Plague .....	....	....	....	....	....	....	....	....	....	....	....
B 12	080	Acute poliomyelitis	1.2	....	2.0	3.6	0.4	0.2	2.2	0.5	1.4	0.2	0.5
B 13	084	Smallpox .....	....	....	....	....	....	....	....	....	....	....	....
B 14	085	Measles	1.3	3.9	2.0	1.6	1.6	1.8	0.8	1.7	....	1.3	0.5
B 15	100-108	Typhus and other rickettsial diseases	....	....	....	....	....	....	....	....	....	....	....
B 16	110-117	Malaria	(2)	....	....	....	....	....	(2)	....	....	....	....
B 17	030,039,041,042, 044,049,052-054, 059-074,081-083, 086-096,120-138 140-205	All other diseases classified as infective and parasitic	2.0	0.6	1.0	1.6	1.2	2.2	2.2	2.4	3.0	1.5	1.4	
B 18		Malignant neoplasm, including neoplasms of lym- phatic and haematopoietic tissues	127.4	96.3	117.9	129.5	122.7	116.7	139.8	129.9	111.3	113.4	148.6	

TABLE 25.—DEATH RATE PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY PROVINCES, 1951—Continued

Abbrev. List	Int. List No. Detailed List	CAUSES OF DEATH	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
B19	(140-200,202 203,205)	Cancer excluding Hodgkin's disease, leukaemia and aleukaemia	121.3	94.4	112.8	123.9	116.5	112.0	132.7	121.7	105.0	107.0	141.4
B20	(201)	Hodgkin's disease	1.5	0.8	3.0	1.2	1.9	1.2	1.8	2.1	1.1	1.7	1.9
B21	(204)	Leukaemia and aleukaemia	4.6	1.1	2.0	4.4	4.3	3.6	5.2	6.2	5.3	4.7	5.2
B22	210-239	Benign and unspecified neoplasms	2.2	3.0	1.0	1.7	1.9	1.9	2.3	2.1	2.0	2.2	3.2
B23	260	Diabetes mellitus	11.3	5.8	7.1	11.8	10.1	12.4	12.7	8.8	7.7	9.5	10.4
B24	290-293	Anaemias	3.2	1.7	2.0	2.8	2.7	3.4	3.3	3.1	3.7	2.2	3.1
B25	330-334	Vascular lesions affecting central nervous system	92.1	70.0	131.1	110.5	86.1	55.8	124.0	98.8	80.0	80.5	102.5
B26	340	Nonmeningeococcal meningitis	2.1	3.9	2.0	2.2	2.1	3.5	0.9	2.1	1.3	2.0	1.3
B27	400-402	Rheumatic fever	1.9	0.8	1.4	1.4	1.4	3.4	1.0	1.4	0.5	2.0	1.9
B28	410-416	Chronic rheumatic heart disease	11.6	6.6	13.2	10.3	9.3	11.3	12.3	9.9	11.7	10.4	14.7
B29	420-422	Arteriosclerotic and degenerative heart disease	222.6	85.2	199.1	195.9	205.7	162.4	292.1	219.0	198.0	176.5	282.1
B30	430-434	Other diseases of heart	13.1	25.2	11.2	16.3	15.1	14.6	8.6	17.0	14.1	17.3	12.8
B31	440-443	Hypertension with heart disease	33.7	27.7	38.6	42.8	36.1	35.5	33.5	23.4	30.5	20.6	42.6
B32	444-447	Hypertension without mention of heart	7.8	6.1	13.2	9.2	8.0	10.1	6.3	8.0	6.0	6.8	6.7
B33	480-483	Influenza	18.4	31.5	50.8	34.7	31.6	21.7	14.9	9.9	16.7	12.1	10.9
B34	490-493	Pneumonia	33.4	43.4	45.7	34.2	47.9	32.7	29.5	38.6	31.1	32.1	38.7
B35	500-502	Bronchitis	3.9	6.9	7.1	4.5	3.1	3.6	3.7	4.8	4.3	3.0	5.1
B36	540-541	Ulcer of stomach and duodenum	5.1	3.0	2.0	4.0	2.5	3.7	6.1	4.8	3.4	6.1	9.4
B37	550-553	Appendicitis	1.9	3.0	1.0	1.4	2.5	2.6	1.3	1.5	1.6	1.9	1.7
B38	560,561,570	Intestinal obstruction and hernia	5.4	4.2	8.1	6.5	5.0	6.0	4.9	4.5	6.0	5.3	5.4
B39	581	Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the newborn	8.8	12.5	8.1	4.5	14.3	12.5	6.8	6.7	7.7	6.6	6.8
B40	590-594	Cirrhosis of liver	4.3	0.6	4.1	2.5	1.7	4.8	4.7	3.3	2.6	2.4	8.1
B41	600-604	Nephritis and nephrosis	21.8	10.0	41.7	15.1	20.7	42.9	12.9	13.1	13.2	9.4	10.8
B42	650-652,660,	Hyperplasia of prostate	5.2	3.3	7.1	6.2	5.2	4.9	4.9	4.2	7.2	4.3	7.3
B43	670-689	Complications of pregnancy, childbirth and the puerperium	2.9	6.9	1.0	1.9	2.1	4.4	2.1	2.8	2.6	1.6	1.7
B44	750-759	Congenital malformations	17.4	17.7	12.2	16.5	18.8	19.6	18.0	12.6	13.2	17.7	13.6
B45	760-762	Birth injuries, postnatal asphyxia and atelectasis	18.7	16.6	15.2	20.7	22.7	21.1	18.2	16.9	14.5	18.2	15.4
B46	763-768	Infections of the newborn	4.7	5.0	3.0	3.1	8.3	7.9	2.7	4.9	4.1	3.0	2.6
B47	769-776	Other diseases peculiar to early infancy, and immaturity unqualified	28.2	39.8	21.3	23.5	40.1	39.8	21.8	18.0	22.6	27.9	18.9
B48	780-795	Senility without mention of psychosis, ill-defined and unknown causes	16.0	94.4	16.3	22.3	48.9	14.6	8.4	18.7	11.1	14.3	11.5
B49	Residual	All other diseases	71.9	65.3	57.9	76.3	64.6	80.2	66.8	86.5	63.1	61.0	72.9
B50	E810-E825	Motor vehicle accidents	19.0	7.2	23.4	17.0	22.7	20.1	20.8	11.8	13.5	13.5	20.3
B51	E830-E802	All other accidents	38.4	36.5	26.4	37.7	35.9	35.1	39.7	35.2	34.9	40.9	61.1
B52	E840-E862	Suicide and self-inflicted injury	7.4	3.3	5.1	4.4	3.7	4.4	8.4	11.8	7.6	9.2	14.2
B53	E863-E970-E979	Homicide and operations of war	1.1	0.3	....	1.2	0.6	1.0	1.3	1.8	0.5	0.5	1.6
B54	E980-E999	All causes	897.1	831.2	918.4	904.5	944.9	860.5	956.5	867.9	774.3	762.9	998.8

TABLE 26.—CERTAIN CAUSES OF DEATH BY NUMBERS AND RATES FOR EACH YEAR OF THE LAST DECENNIAL PERIOD

CAUSE OF DEATH	1951		1950		1949		1948		1947		1946		1945		1944		1943		1942	
	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000	Number of Deaths	Rate per 100,000
Diseases of the Heart	2113	224	2046	228	2033	233	1896	224	1756	213	1721	214	1663	199	1534	186	1550	194	1483	184
Cancer	1065	113	997	110	957	109	975	115	878	107	860	107	830	100	781	84	748	94	784	97
Diseases of the Arteries	129	13	133	14	128	14	28	3	117	14	102	12	138	16	121	14	116	14	97	12
Violent Deaths (Suicides excepted)	568	60	573	64	596	68	593	70	484	59	456	56	472	57	484	59	588	73	483	58
Pneumonia (all forms)	341	36	275	30	376	43	352	42	374	45	382	45	369	44	379	46	497	51	335	41
Pulmonary tuberculosis	119	12	137	15	155	17	200	23	215	26	233	29	200	25	229	27	224	28	214	26
Influenza	114	12	96	2	41	4	36	4	172	8	89	11	58	7	128	15	153	19	75	9
Nephritis	88	9	90	10	217	24	219	25	197	24	215	26	253	31	257	31	284	36	260	32
Appendicitis	18	1	22	2	23	2	34	4	36	4	46	5	42	5	54	6	77	9	69	8
Suicides	86	9	82	9	80	9	84	9	67	8	100	12	76	9	57	7	79	10	86	10
Cerebral Haemorrhage	756	80	693	77	666	76	568	67	523	63	503	62	513	62	454	55	472	59	450	56
Diabetes Mellitus	39	9	91	10	156	17	134	15	119	14	119	14	143	17	120	14	116	14	106	13
Diarrhoea and Enteritis	60	6	69	7	63	7	93	10	106	13	128	15	87	10	120	14	116	14	106	13
Puerperal Causes	15	...	19	2	25	2	23	3	22	3	32	4	48	5	31	3	52	6	43	5
Whooping Cough	7	...	3	...	5	...	11	1	9	1	19	2	43	5	42	5	11	1	12	1
Scarlet Fever	6	...	11	1	...	...	...	...	...	...	...	...	...	...	9	1	7	...	11	1
Diphtheria	1	...	1	...	12	1	10	1	7	1	7	...	1	1	5	...	12	1	11	1
Typhoid and Paratyphoid .....	...	...	...	...	...	...	...	...	3	...	8	...	2	...	8	...	1	...	1	...
Measles	12	...	...	...	19	2	7	...	21	3	8	...	6	...	10	1	19	2	...	...
Poliomyelitis	2	...	8	...	9	1	28	3	7	1	8	...	...	...	1	...	...	...	...	...

TABLE 31.—MARRIAGES—RELIGIOUS DENOMINATIONS OF BRIDEGROOMS AND BRIDES, ALBERTA, 1951

Religious Denomination of bridegroom	Religious denomination of bride																																								
	Total Grooms																																								
	Adventists	Anglicans	Apostolic bodies	Baptists	Brethren including United	Christadelphians	Christians	Christian Missionary Alliance	Christian Scientists	Churches of Christ (Disciples)	Church of God	Doukhorobors	Eastern Orthodox Churches	Evangelicals	Gospel bodies	Greek Catholic Churches	Holiness Movement	International Bible Students	Jewish	Lutherans	Mennonites	Methodists	Moravian Church	Mormons	Non-denominational	Oriental religions	Pentecostal Assemblies	Plymouth Brethren	Presbyterians	Reformed Churches (Christian)	Roman Catholics	Salvation Army	Society of Friends	Spiritualists	Swedenborgians	Unitarians	United Church of Canada	Other religions	Non-religious denominations	Unspecified or unknown	
Adventists	31	19	1	2	1		1	1	1	4	1		17	1	2	9	1			61	1	4			7	14	2	6	1	38	2	88	4					293	1	4	
Anglicans	1038	1	446	30	1																																				
Apostolic bodies	5			1																																					
Baptists	331	1	27	1125	1		1	1	1	1	1	6			1	1				28	1				4	4		8	1	15	1	22	1								
Brethren including United																																									
United	26			1	16															2	2						1														
Christadelphians																																									
Christians	6						3													1																					
Christian Missionary Alliance																				1																					
Alliance	21						11				1									1																					
Christian Scientists	14																																								
Churches of Christ																																									
(Disciples)	15			1						3	14																														
Church of God	27			1																																					
Doukhorobors																																									
Eastern Orthodox Churches	387			3								1242								18																					
Churches	49			6	1															4	2																				
Evangelicals	5			2																1																					
Gospel bodies																																									
Greek Catholic Churches	336			4	1							27								7																					
Churches																																									
Holiness Movement																																									
International Bible Students	5																																								
Students																																									
Jewish	20			3																2																					
Lutherans	30																																								
Mennonites	854			1	18															410	5	2																			
Methodists	114			1			2			1	2									1	102	6																			
Moravian Church	37			3																4																					
	24			1																3	1																				

Mormons	192	9	3	2	1	2	12	1	1	1	124	1	1	4	10	34	3									
Non-denominational	300	18	2	9	1	1	2	2	1	1	3129	1	2	9	41	45	...									
Oriental religions	18	2	5	5	1	1	1	1	1	1	14	4	1	1	1	1	...									
Pentecostal Assemblies	123	2	5	5	1	1	1	1	1	1	1	2	1	5	7	10	...									
Plymouth Brethren	7	3	49	1	20	1	1	2	2	2	6	76	6	1	1	1	...									
Presbyterians	437	3	49	1	20	1	1	2	2	2	137	5	1	44	1	112	...									
Reformed Churches	46	1	74	13	1	1	1	1	1	1	40	2	1	2	1	2	...									
(Christian)	1842	1	74	13	1	1	2	1	1	1	12	26	9	22	1253	204	11									
Roman Catholics	26	5	5	5	1	1	1	1	1	1	1	1	1	3	9	4	...									
Salvation Army	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...									
Society of Friends	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...									
Spiritualists	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...									
Swedenborgians	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...									
Unitarians	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...									
United Church of	2785	3	275	2	53	3	1	3	4	5	4	42	17	14	84	1	12									
Canada	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	...									
Other religions	140	1	7	4	1	1	2	1	14	2	6	6	2	1	1	24	44									
Non-religious denom-	4	1	7	4	1	1	2	1	1	1	1	1	1	1	1	1	...									
inations	4	1	7	4	1	1	2	1	1	1	1	1	1	1	1	1	...									
Unspecified or	4	1	7	4	1	1	2	1	1	1	1	1	1	1	1	1	...									
unknown	4	1	7	4	1	1	2	1	1	1	1	1	1	1	1	1	...									
Total brides	9305	321016	8303	24	624	821	31	1413	36	9367	4	21	25859	126	24	14212	228	16141	7349	48	1917	24	1	2895	1083	2

TABLE 32.—DIVORCES AND NULLITIES BY JUDICIAL DISTRICTS
FOR THE YEAR 1951, ALBERTA

Judicial Districts	Divorces			Nullities		
	Number of Divorces	Granted to Husband	Granted to Wife	Number of Nullities	Granted to Husband	Granted to Wife
Edmonton	290	118	172	5	1	4
Calgary	214	90	124	6	1	5
Lethbridge	37	17	20	....	....	....
Medicine Hat	11	7	4	....	....	....
Peace River	12	8	4	1	1	....
Grande Prairie	1	....	1	....	....	....
Hanna	3	2	1	....	....	....
Red Deer	12	7	5	....	....	....
Drumheller .....	....	....	....	....	....	....
Macleod	6	4	2	....	....	....
Wetaskiwin	3	2	1	1	....	1
Total	589	255	334	13	3	10

DIVORCES IN ALBERTA SINCE THE PASSING OF THE ACT

Year	Granted to Husband	Granted to Wife	Total
1919	3	3	6
1920	74	26	100
1921	53	37	90
1922	80	49	129
1923	57	32	89
1924	66	53	119
1925	59	42	101
1926	79	75	154
1927	83	66	149
1928	91	84	175
1929	77	71	148
1930	64	87	151
1931	69	87	156
1932	68	81	149
1933	56	79	135
1934	62	106	168
1935	74	135	209
1936	74	135	209
1937	102	139	241
1938	105	162	267
1939	104	163	267
1940	119	154	273
1941	135	176	311
1942	179	201	380
1943	190	223	413
1944	245	243	488
1945	302	273	575
1946	494	480	974
1947	404	478	882
1948	302	357	659
1949	262	332	594
1950	249	311	550
1951	255	334	589

TABLE 33.—BIRTHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS), BY MONTHS IN ALBERTA, BY PLACE OF RESIDENCE OF MOTHER, 1951

	Total	Months											
		January	February	March	April	May	June	July	August	September	October	November	December
Total for the Province	1334	107	112	136	119	140	117	97	107	87	99	105	108

TABLE 34.—LEGITIMATE AND ILLEGITIMATE BIRTHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS) IN ALBERTA, BY PLACE OF RESIDENCE OF MOTHER, 1951

	Total Births			Legitimate			Illegitimate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Alberta	1334	685	649	977	505	472	357	180	177

TABLE 35.—DEATHS OF INDIAN CHILDREN UNDER ONE YEAR (EXCLUSIVE OF STILLBIRTHS) FROM CERTAIN SPECIFIED CAUSES BY SEX IN ALBERTA, BY PLACE OF RESIDENCE, 1951

Int. list No.	Causes of Death	Total	Male	Female
	ALL CAUSES	157	87	70
001-019	Tuberculosis	6	4	2
020-029	Syphilis	...	...	...
045-048	Dysentery	3	1	2
050	Scarlet fever	...	...	...
052	Erysipelas	...	...	...
055	Diphtheria	...	...	...
056	Whooping cough	2	1	1
057	Meningococcal infections	...	...	...
085	Measles	4	2	2
273	Diseases of the thymus gland	1	...	1
340	Meningitis (non-meningococcal)	3	1	2
391,392	Otitis media	1	...	1
480-483	Influenza	10	4	6
490-493	Pneumonia (4 weeks and over)	40	19	21
500-502	Bronchitis	2	1	1
543	Gastritis and duodenitis	...	...	...
571	Gastro-enteritis and colitis	...	...	...
572	Chronic enteritis and ulcerative colitis	22	14	8
750-759	Congenital malformations	...	...	...
752	Congenital malformations	4	1	3
754	Congenital malformations of circulatory system	...	...	...
750,751, 753,755-				
759	Others under this title	2	1	1
760,761	Injury at birth	2	...	2
762	Postnatal asphyxia and atelectasis	6	3	3
763	Pneumonia of newborn (under 4 weeks)	4	1	3
764	Diarrhoea of newborn (under 4 weeks)	7	5	2
769	Antenatal toxæmia	1	1	...
770	Erythroblastosis	1	...	1
772	Nutritional maladjustment	1	1	...
773	Ill-defined diseases peculiar to early infancy	6	4	2
774-776	Immaturity	3	3	...
795	Ill-defined and unknown causes	8	5	3
	Other specified causes	11	9	2
800-936	Accidental causes	3	2	1
	Other specified causes	8	5	3

TABLE 36.—CAUSES OF DEATH (INTERMEDIATE LIST) OF INDIANS BY SEX AND AGE IN ALBERTA, BY PLACE OF RESIDENCE, 1951

CAUSES OF DEATH	Total	AGES																								100 years and over	Not stated
		Under 1 year																									
		1 year	2 years	3 years	4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years			
ALL CAUSES	374	157	21	8	6	3	18	10	14	9	8	11	7	5	4	5	10	8	6	16	22	14	5	3	2	2	
Male	196	87	9	5	3	3	12	5	4	5	6	5	2	3	2	3	6	6	5	6	14	9	3	3	2	2	
Female	178	70	12	3	3	3	6	5	10	4	2	6	5	2	2	2	4	2	1	10	8	5	2	3	2	2	
A 1 Tuberculosis of the respiratory system	20	1	1	1	1	2	3	2	4	2	1	3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	
A 2 Tuberculosis of meninges and central nervous system	32	2	2	1	2	3	1	2	4	3	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
A 3 Tuberculosis of intestines, peritoneum and mesenteric glands	4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 4 Tuberculosis of bones and joints	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 5 Tuberculosis, all other forms	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 6 Congenital syphilis	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 7 Early syphilis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 8 Tabes dorsalis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 9 General paralysis of insane	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 10 All other syphilis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 11 Gonococcal infection	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 12 Typhoid fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 13 Paratyphoid fever and other Salmonella infections	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 14 Cholera	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 15 Brucellosis (undulant fever)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
A 16 Dysentery, all forms	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	2	2	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	

[illegible]

[illegible]

[illegible]

TABLE 37.—CAUSES OF DEATH (INTERMEDIATE LIST) OF HALF-BREDS BY SEX AND AGE IN ALBERTA, BY PLACE OF RESIDENCE, 1951—Continued

CAUSES OF DEATH	Total	AGES															100 years and over	Not stated										
		Under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years			55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	
A 98 Diseases of teeth and supporting structures.....	Male																											
A 99 Ulcer of stomach.....	Female																											
A100 Ulcer of duodenum.....	Male	1															1											
A101 Gastritis and duodenitis.....	Female																											
A102 Appendicitis.....	Male																1											
A103 Intestinal obstruction and hernia.....	Female	1																										
A104 Gastro-enteritis and colitis, except diarrhoea of the newborn.....	Male																											
A105 Cirrhosis of liver.....	Female		5	1	1	1																						
A106 Cholelithiasis and cholecystitis.....	Male	3																										
A107 Other diseases of digestive system.....	Female	1															1				1							
A108 Acute nephritis.....	Male																											
A109 Chronic, other and unspecified nephritis.....	Female	1																										
A110 Infections of kidney.....	Female	1																										
A111 Calculi of urinary system.....	Male																											
A112 Hyperplasia of prostate.....	Female																											
A113 Diseases of breast.....	Female																											
A114 Other diseases of genito-urinary system.....	Male																											
A115 Sepsis of pregnancy, childbirth and the puerperium.....	Female																											
A116 Toxaemias of pregnancy and the puerperium.....	Female																											

TABLE 38.—POPULATION BIRTHS, MARRIAGES, DEATHS, AND RATES FOR THE YEARS 1905- 1951.

Year	Population	Number of Births	Rate Birth	No. of Births Received to Date	Number of Marriages	Marriage Rate	Number of Deaths	Death Rate	Infantile Death Rate per 1,000 Births	Puerperal Death Rate per 1,000 Births	Rate of Natural Increase
1905	185,000	421	20.41	4,032	187	6.77	114	7.36	90.00	.....	13.04
1906	236,000	3,003	4.702	5,900	1,907	8.08	1,578	6.68	100.27	6.33	13.36
1907	266,000	4,732	20.05	7,495	2,032	7.63	2,188	8.22	126.57	6.02	14.22
1908	301,000	5,973	22.45	7,937	2,384	7.92	2,662	8.81	.....	.....	14.07
1909	336,000	8,321	22.91	9,443	3,086	9.18	3,526	10.49	129.49	8.63	14.00
1910	374,000	8,813	23.56	10,732	3,630	9.70	3,618	9.67	134.46	9.75	13.88
1911	400,000	10,284	25.71	12,565	4,429	11.07	4,232	10.58	124.75	8.26	15.13
1912	429,000	11,871	28.47	14,434	5,053	12.12	4,432	10.63	120.47	7.07	17.84
1913	459,000	13,685	30.75	16,155	4,623	10.39	4,417	9.82	100.54	6.13	21.43
1914	480,000	13,452	28.90	15,679	4,202	9.06	3,588	7.73	87.9	5.79	21.26
1915	496,000	13,331	27.87	15,557	4,230	8.33	4,058	8.18	90.5	7.20	18.69
1916	508,000	13,576	27.01	15,668	4,270	8.54	4,047	8.09	87.30	6.48	18.92
1917	522,000	14,890	25.72	16,769	4,048	6.98	7,924	13.86	107.10	5.51	11.86
1918	522,000	14,890	23.95	16,127	4,718	7.90	5,507	9.33	110.30	6.44	14.62
1919	565,000	16,565	26.72	18,451	5,110	8.24	5,675	9.15	93.70	8.38	17.57
1920	568,000	16,414	27.89	18,104	4,661	7.92	4,940	8.39	85.65	7.24	19.50
1921	592,000	16,163	26.44	17,325	4,272	6.99	5,281	8.62	91.93	6.68	17.83
1922	593,000	15,153	25.75	16,183	4,177	6.09	4,843	8.06	90.54	5.50	18.75
1923	597,000	14,598	24.74	15,569	4,160	4.907	4,907	8.30	82.40	6.18	16.42
1924	602,000	15,014	25.02	15,796	4,363	7.27	4,717	7.86	72.90	5.76	16.16
1925	608,000	14,455	23.79	15,408	4,498	7.40	4,938	8.49	81.63	5.82	15.31
1926	633,000	14,897	24.03	15,565	4,707	7.58	5,059	8.16	74.51	6.38	15.87
1927	658,000	15,692	24.79	17,446	5,776	9.12	5,699	9.00	76.50	6.75	15.79
1928	684,000	16,924	26.19	17,628	6,004	9.29	6,239	9.65	77.40	7.26	16.54
1929	708,000	17,649	26.19	18,423	5,334	8.08	5,396	8.33	63.57	6.46	18.41
1930	732,000	17,252	23.57	18,108	5,112	7.02	5,362	7.24	69.38	6.04	16.32
1931	740,000	16,990	22.96	17,798	5,054	6.83	5,321	7.46	58.68	3.76	15.50
1932	748,000	16,123	21.33	16,915	5,389	7.10	5,346	7.07	59.90	4.43	14.24
1933	756,000	16,236	21.10	17,002	6,053	7.87	5,337	6.93	54.89	4.99	14.01
1934	770,000	16,183	21.0	16,962	6,010	7.7	5,729	7.33	57.8	4.2	14.0
1935	772,782	15,786	20.4	16,423	6,020	7.8	6,147	8.0	60.0	5.8	12.5
1936	778,000	15,903	20.4	16,492	6,345	8.2	6,261	8.0	63.0	4.9	12.4
1937	783,000	15,891	20.3	16,582	6,973	8.9	5,871	7.5	51.0	4.3	12.8
1938	789,000	16,470	20.9	17,838	7,838	9.9	5,789	7.3	46.0	3.5	13.6
1939	790,000	17,359	21.8	17,725	8,782	7.8	6,203	7.8	48.0	3.6	14.1
1940	796,163	17,308	21.7	17,590	8,470	10.7	6,385	8.0	51.0	3.9	13.7
1941	805,000	18,317	22.7	16,559	9,034	11.2	6,091	7.5	38.0	2.3	15.2

1943	792,000	19,290	24.3	19,487	7,771	9.8	6,524	8.2	42.0	2.7	16.1
1944	818,000	19,373	23.7	19,486	7,299	8.9	6,320	7.7	46.0	1.6	16.0
1945	826,000	19,939	24.1	20,068	7,310	8.8	6,454	7.8	43.0	2.4	16.2
1946	803,330	22,184	27.6	23,283	9,478	11.8	6,601	8.2	42.5	1.4	19.3
1947	822,000	24,631	30.0	25,699	8,797	10.7	6,543	8.0	37.0	1.9	22.0
1948	846,000	24,075	28.5	24,075	8,844	10.5	6,987	8.0	39.0	1.2	20.2
1949	871,000	24,935	28.7	24,951	9,037	10.4	7,083	8.2	33.0	1.0	20.5
1950	895,000	25,625	28.7	25,659	9,294	10.4	6,856	7.7	32.0	0.7	21.0
1951	939,501	27,003	28.7	27,027	9,305	9.9	7,167	7.6	33.0	0.6	21.1

TABLE 39.—RATIO OF MALE TO FEMALE BIRTHS, AND OF BIRTHS TO DEATHS

Year	Births of Males to 1,000 Births of Females	Ratio of Births to Deaths	Year	Births of Males to 1,000 Births of Females	Ratio of Births to Deaths
1905	1,059	3.13	1928	1,064	2.75
1906	1,094	2.07	1929	1,042	2.71
1907	1,075	2.96	1930	1,027	3.21
1908	1,077	2.73	1931	1,075	3.25
1909	1,086	2.59	1932	1,052	3.08
1910	1,065	2.69	1933	1,053	3.01
1911	1,103	2.43	1934	1,032	3.04
1912	1,084	2.43	1935	1,055	2.81
1913	1,053	2.67	1936	1,049	2.57
1914	1,081	3.30	1937	1,019	2.38
1915	1,000	3.74	1938	1,046	2.70
1916	1,063	3.29	1939	1,046	2.85
1917	1,061	3.25	1940	1,033	2.79
1918	1,069	1.88	1941	1,054	2.71
1919	1,074	2.56	1942	1,058	3.02
1920	1,055	2.92	1943	1,041	2.96
1921	1,055	3.32	1944	1,060	3.06
1922	1,034	3.06	1945	1,061	3.08
1923	1,072	3.13	1946	1,036	3.36
1924	1,036	2.97	1947	1,061	3.76
1925	1,036	2.97	1948	1,049	3.44
1926	1,053	2.80	1949	1,051	3.52
1927	1,065	2.94	1950	1,052	3.74
1928	1,064	2.75	1951	1,039	3.76

